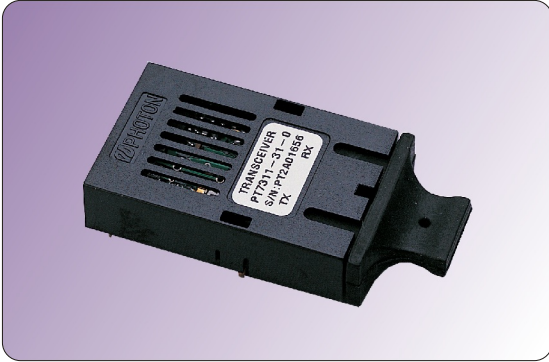


# 1X9 and 2X9 Transceiver with Duplex SC Connector

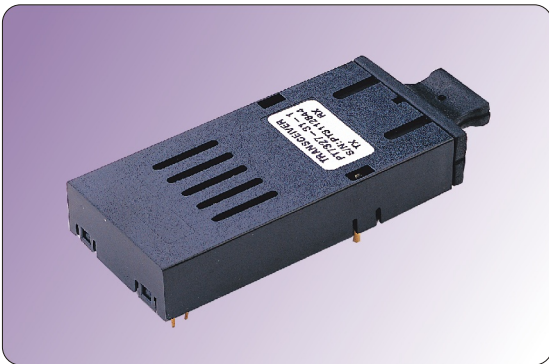
## 1X9 TRANSCEIVER with Duplex SC Connector



### Description

The DuplexSC transceiver is compliant with the specifications the SDH/SONET/IEEE802.3 a. It including an 1310nm/1550nm FP/DFB LD transmitter

## 2X9 TRANSCEIVER with Duplex SC Connector

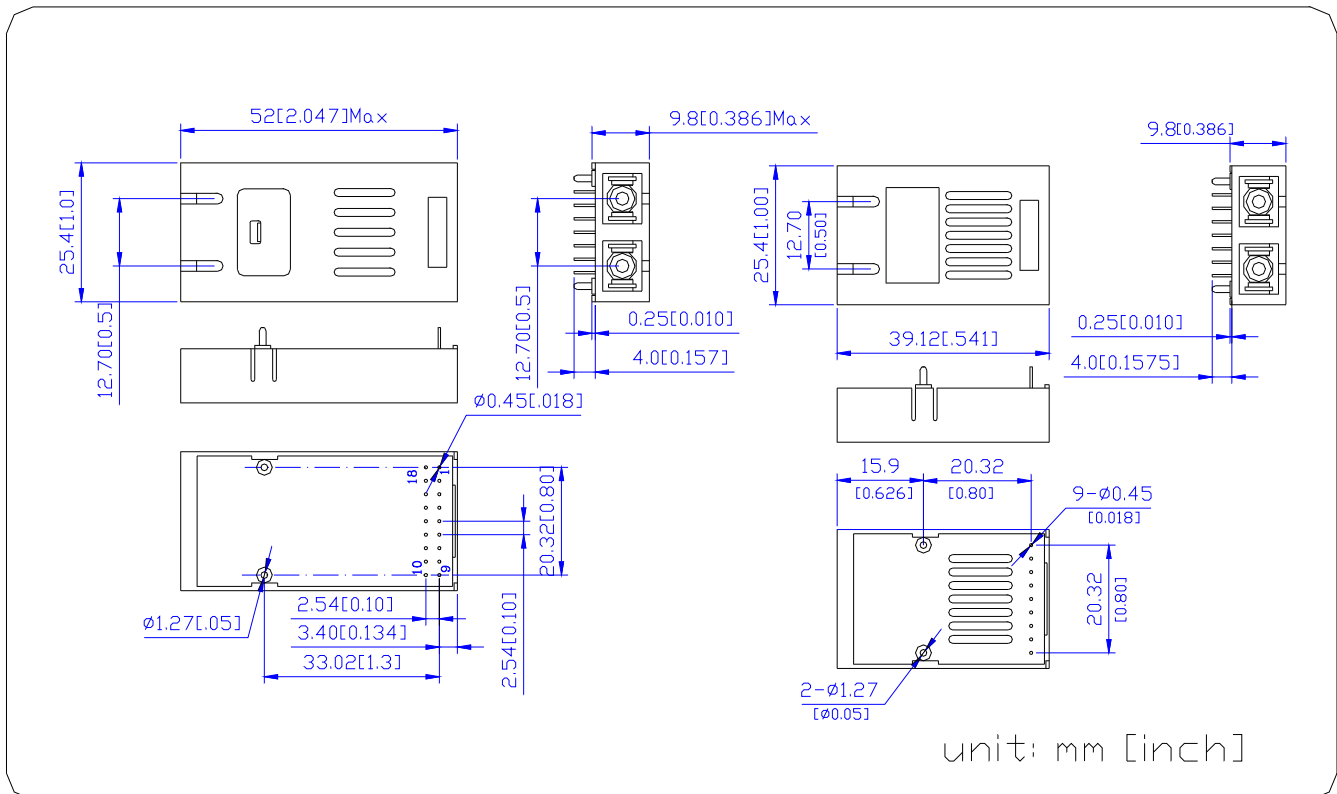


### Features

- Transceiver unit with independent transmitter and receiver
- 1X9 or 2X9 Foot Print
- +3.3 or +5 Volt DC power supply
- Duplex SC fiber connector compatible
- SONET/SDH/IEE802.3 applications
- compliant facility Manufactured in an ISO 9001

### Mechanical Outline

#### 2X9 TRANSCEIVER with Duplex SC Connector    1X9 TRANSCEIVER with Duplex SC Connector



# 1X9 and 2X9 Transceiver with Duplex SC Connector

**Data Rate/Distance/Part Number Reference Table for 1×9 General Purpose Design**

| Typical Data Rate (Mb/s) | Typical Transfer Distance (km) | Part Number        | Emitter/Deter       | SD Logic Level      | Power Supply (V)    |        |     |
|--------------------------|--------------------------------|--------------------|---------------------|---------------------|---------------------|--------|-----|
| 125/155                  | 30                             | PT7311-31-1        | 1310nm FPLD/PINTIA  | PECL                | 5                   |        |     |
|                          |                                | PT7311-32-1        | 1310nm FPLD/PINTIA  | PECL                | 5                   |        |     |
|                          |                                | PT7321-31-1        | 1310nm FPLD/PINTIA  | LVPECL              | 3.3                 |        |     |
|                          |                                | PT7321-32-1        | 1310nm FPLD/PINTIA  | LVPECL              | 3.3                 |        |     |
|                          |                                | PT7311-31-1T       | 1310nm FPLD/PINTIA  | TTL                 | 5                   |        |     |
|                          |                                | PT7311-32-1T       | 1310nm FPLD/PINTIA  | TTL                 | 5                   |        |     |
|                          |                                | PT7321-31-1T       | 1310nm FPLD/PINTIA  | LVTTTL              | 3.3                 |        |     |
|                          |                                | PT7321-32-1T       | 1310nm FPLD/PINTIA  | LVTTTL              | 3.3                 |        |     |
|                          | 60                             | 60                 | PT7311-31-2         | 1310nm FPLD/PINTIA  | PECL                | 5      |     |
|                          |                                |                    | PT7311-32-2         | 1310nm FPLD/PINTIA  | PECL                | 5      |     |
|                          |                                |                    | PT7321-31-2         | 1310nm FPLD/PINTIA  | LVPECL              | 3.3    |     |
|                          |                                |                    | PT7321-32-2         | 1310nm FPLD/PINTIA  | LVPECL              | 3.3    |     |
|                          |                                |                    | PT7311-31-2T        | 1310nm FPLD/PINTIA  | TTL                 | 5      |     |
|                          |                                |                    | PT7311-32-2T        | 1310nm FPLD/PINTIA  | TTL                 | 5      |     |
|                          |                                |                    | PT7321-31-2T        | 1310nm FPLD/PINTIA  | LVTTTL              | 3.3    |     |
|                          |                                |                    | PT7321-32-2T        | 1310nm FPLD/PINTIA  | LVTTTL              | 3.3    |     |
|                          |                                | 100                | 100                 | PT7411-31-2         | 1310nm DFBLD/PINTIA | PECL   | 5   |
|                          |                                |                    |                     | PT7411-32-2         | 1310nm DFBLD/PINTIA | PECL   | 5   |
|                          |                                |                    |                     | PT7421-31-2         | 1310nm DFBLD/PINTIA | LVPECL | 3.3 |
|                          |                                |                    |                     | PT7421-32-2         | 1310nm DFBLD/PINTIA | LVPECL | 3.3 |
|                          |                                |                    |                     | PT7411-31-2T        | 1310nm DFBLD/PINTIA | TTL    | 5   |
|                          |                                |                    |                     | PT7411-32-2T        | 1310nm DFBLD/PINTIA | TTL    | 5   |
|                          |                                |                    |                     | PT7421-31-2T        | 1310nm DFBLD/PINTIA | LVTTTL | 3.3 |
|                          |                                |                    |                     | PT7421-32-2T        | 1310nm DFBLD/PINTIA | LVTTTL | 3.3 |
|                          | 622                            | 15                 | PT7611-31-2         | 1550nm DFBLD/PINTIA | PECL                | 5      |     |
|                          |                                |                    | PT7611-32-2         | 1550nm DFBLD/PINTIA | PECL                | 5      |     |
|                          |                                |                    | PT7621-31-2         | 1550nm DFBLD/PINTIA | LVPECL              | 3.3    |     |
|                          |                                |                    | PT7621-32-2         | 1550nm DFBLD/PINTIA | LVPECL              | 3.3    |     |
|                          |                                |                    | PT7611-31-2T        | 1550nm DFBLD/PINTIA | TTL                 | 5      |     |
|                          |                                |                    | PT7611-32-2T        | 1550nm DFBLD/PINTIA | TTL                 | 5      |     |
| PT7621-31-2T             |                                |                    | 1550nm DFBLD/PINTIA | LVTTTL              | 3.3                 |        |     |
| PT7621-32-2T             |                                |                    | 1550nm DFBLD/PINTIA | LVTTTL              | 3.3                 |        |     |
| 622                      |                                |                    | 15                  | PT7311-41-1         | 1310nm FPLD/PINTIA  | PECL   | 5   |
|                          |                                |                    |                     | PT7311-42-1         | 1310nm FPLD/PINTIA  | PECL   | 5   |
|                          |                                |                    |                     | PT7321-41-1         | 1310nm FPLD/PINTIA  | LVPECL | 3.3 |
|                          |                                |                    |                     | PT7321-42-1         | 1310nm FPLD/PINTIA  | LVPECL | 3.3 |
|                          | PT7311-41-1T                   | 1310nm FPLD/PINTIA |                     | TTL                 | 5                   |        |     |
|                          | PT7311-42-1T                   | 1310nm FPLD/PINTIA |                     | TTL                 | 5                   |        |     |
|                          | PT7321-41-1T                   | 1310nm FPLD/PINTIA |                     | LVTTTL              | 3.3                 |        |     |
|                          | PT7321-42-1T                   | 1310nm FPLD/PINTIA |                     | LVTTTL              | 3.3                 |        |     |

# 1X9 and 2X9 Transceiver with Duplex SC Connector

**Data Rate/Distance/Part Number Reference Table for 1×9 General Purpose Design**

| Typical Data Rate (Mb/s) | Typical Transfer Distance (km) | Part Number  | Emitter/Deter       | SD Logic Level | Power Supply (V) |
|--------------------------|--------------------------------|--------------|---------------------|----------------|------------------|
| 622                      | 40                             | PT7311-41-2  | 1310nm FPLD/PINTIA  | PECL           | 5                |
|                          |                                | PT7321-41-2  | 1310nm FPLD/PINTIA  | LVPECL         | 3.3              |
|                          |                                | PT7311-41-2T | 1310nm FPLD/PINTIA  | TTL            | 5                |
|                          |                                | PT7321-41-2T | 1310nm FPLD/PINTIA  | LVTTTL         | 3.3              |
|                          |                                | PT7411-41-2  | 1310nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7411-42-2  | 1310nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7421-41-2  | 1310nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7421-42-2  | 1310nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7411-41-2T | 1310nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7411-42-2T | 1310nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7421-41-2T | 1310nm DFBLD/PINTIA | LVTTTL         | 3.3              |
|                          |                                | PT7421-42-2T | 1310nm DFBLD/PINTIA | LVTTTL         | 3.3              |
|                          | 80                             | PT7611-41-2  | 1550nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7611-42-2  | 1550nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7621-41-2  | 1550nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7621-42-2  | 1550nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7611-41-2T | 1550nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7611-42-2T | 1550nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7621-41-2T | 1550nm DFBLD/PINTIA | LVTTTL         | 3.3              |
|                          |                                | PT7621-42-2T | 1550nm DFBLD/PINTIA | LVTTTL         | 3.3              |
| 1062.5/1250              | 10                             | PT7311-51-1  | 1310nm FPLD/PINTIA  | PECL           | 5                |
|                          |                                | PT7311-52-1  | 1310nm FPLD/PINTIA  | PECL           | 5                |
|                          |                                | PT7321-51-1  | 1310nm FPLD/PINTIA  | LVPECL         | 3.3              |
|                          |                                | PT7321-52-1  | 1310nm FPLD/PINTIA  | LVPECL         | 3.3              |
|                          |                                | PT7311-51-1T | 1310nm FPLD/PINTIA  | TTL            | 5                |
|                          |                                | PT7311-52-1T | 1310nm FPLD/PINTIA  | TTL            | 5                |
|                          |                                | PT7321-51-1T | 1310nm FPLD/PINTIA  | LVTTTL         | 3.3              |
|                          |                                | PT7321-52-1T | 1310nm FPLD/PINTIA  | LVTTTL         | 3.3              |
|                          | 30                             | PT7311-51-2  | 1310nm FPLD/PINTIA  | PECL           | 5                |
|                          |                                | PT7321-51-2  | 1310nm FPLD/PINTIA  | LVPECL         | 3.3              |
|                          |                                | PT7311-51-2T | 1310nm FPLD/PINTIA  | TTL            | 5                |
|                          |                                | PT7321-51-2T | 1310nm FPLD/PINTIA  | LVTTTL         | 3.3              |
|                          |                                | PT7411-51-2  | 1310nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7411-52-2  | 1310nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7421-51-2  | 1310nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7421-52-2  | 1310nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7411-51-2T | 1310nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7411-52-2T | 1310nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7421-51-2T | 1310nm DFBLD/PINTIA | LVTTTL         | 3.3              |
|                          |                                | PT7421-52-2T | 1310nm DFBLD/PINTIA | LVTTTL         | 3.3              |

# 1X9 and 2X9 Transceiver with Duplex SC Connector

**Data Rate/Distance/Part Number Reference Table for 2×9 General Purpose Design**

| Typical Data Rate (Mb/s) | Typical Transfer Distance (km) | Part Number  | Emitter/Deter       | SD Logic Level      | Power Supply (V) |     |
|--------------------------|--------------------------------|--------------|---------------------|---------------------|------------------|-----|
| 125/155                  | 30                             | PT7317-31-1  | 1310nm FPLD/PINTIA  | PECL                | 5                |     |
|                          |                                | PT7317-32-1  | 1310nm FPLD/PINTIA  | PECL                | 5                |     |
|                          |                                | PT7327-31-1  | 1310nm FPLD/PINTIA  | LVPECL              | 3.3              |     |
|                          |                                | PT7327-32-1  | 1310nm FPLD/PINTIA  | LVPECL              | 3.3              |     |
|                          |                                | PT7317-31-1T | 1310nm FPLD/PINTIA  | TTL                 | 5                |     |
|                          |                                | PT7317-32-1T | 1310nm FPLD/PINTIA  | TTL                 | 5                |     |
|                          |                                | PT7327-31-1T | 1310nm FPLD/PINTIA  | LVTTTL              | 3.3              |     |
|                          |                                | PT7327-32-1T | 1310nm FPLD/PINTIA  | LVTTTL              | 3.3              |     |
|                          | 60                             | 60           | PT7317-31-2         | 1310nm FPLD/PINTIA  | PECL             | 5   |
|                          |                                |              | PT7317-32-2         | 1310nm FPLD/PINTIA  | PECL             | 5   |
|                          |                                |              | PT7327-31-2         | 1310nm FPLD/PINTIA  | LVPECL           | 3.3 |
|                          |                                |              | PT7327-32-2         | 1310nm FPLD/PINTIA  | LVPECL           | 3.3 |
|                          |                                |              | PT7317-31-2T        | 1310nm FPLD/PINTIA  | TTL              | 5   |
|                          |                                |              | PT7317-32-2T        | 1310nm FPLD/PINTIA  | TTL              | 5   |
|                          |                                |              | PT7327-31-2T        | 1310nm FPLD/PINTIA  | LVTTTL           | 3.3 |
|                          |                                |              | PT7327-32-2T        | 1310nm FPLD/PINTIA  | LVTTTL           | 3.3 |
|                          |                                |              | PT7417-31-2         | 1310nm DFBLD/PINTIA | PECL             | 5   |
|                          |                                |              | PT7417-32-2         | 1310nm DFBLD/PINTIA | PECL             | 5   |
|                          |                                |              | PT7427-31-2         | 1310nm DFBLD/PINTIA | LVPECL           | 3.3 |
|                          |                                |              | PT7427-32-2         | 1310nm DFBLD/PINTIA | LVPECL           | 3.3 |
|                          |                                |              | PT7417-31-2T        | 1310nm DFBLD/PINTIA | TTL              | 5   |
|                          |                                |              | PT7417-32-2T        | 1310nm DFBLD/PINTIA | TTL              | 5   |
|                          |                                |              | PT7427-31-2T        | 1310nm DFBLD/PINTIA | LVTTTL           | 3.3 |
|                          |                                |              | PT7427-32-2T        | 1310nm DFBLD/PINTIA | LVTTTL           | 3.3 |
|                          | 100                            | 100          | PT7617-31-2         | 1550nm DFBLD/PINTIA | PECL             | 5   |
|                          |                                |              | PT7617-32-2         | 1550nm DFBLD/PINTIA | PECL             | 5   |
|                          |                                |              | PT7627-31-2         | 1550nm DFBLD/PINTIA | LVPECL           | 3.3 |
| PT7627-32-2              |                                |              | 1550nm DFBLD/PINTIA | LVPECL              | 3.3              |     |
| PT7617-31-2T             |                                |              | 1550nm DFBLD/PINTIA | TTL                 | 5                |     |
| PT7617-32-2T             |                                |              | 1550nm DFBLD/PINTIA | TTL                 | 5                |     |
| PT7627-31-2T             |                                |              | 1550nm DFBLD/PINTIA | LVTTTL              | 3.3              |     |
| PT7627-32-2T             |                                |              | 1550nm DFBLD/PINTIA | LVTTTL              | 3.3              |     |
| 622                      | 15                             | PT7317-41-1  | 1310nm FPLD/PINTIA  | PECL                | 5                |     |
|                          |                                | PT7317-42-1  | 1310nm FPLD/PINTIA  | PECL                | 5                |     |
|                          |                                | PT7327-41-1  | 1310nm FPLD/PINTIA  | LVPECL              | 3.3              |     |
|                          |                                | PT7327-42-1  | 1310nm FPLD/PINTIA  | LVPECL              | 3.3              |     |
|                          |                                | PT7317-41-1T | 1310nm FPLD/PINTIA  | TTL                 | 5                |     |
|                          |                                | PT7317-42-1T | 1310nm FPLD/PINTIA  | TTL                 | 5                |     |
|                          |                                | PT7327-41-1T | 1310nm FPLD/PINTIA  | LVTTTL              | 3.3              |     |
|                          |                                | PT7327-42-1T | 1310nm FPLD/PINTIA  | LVTTTL              | 3.3              |     |

# 1X9 and 2X9 Transceiver with Duplex SC Connector

**Data Rate/Distance/Part Number Reference Table for 2×9 General Purpose Design**

| Typical Data Rate (Mb/s) | Typical Transfer Distance (km) | Part Number  | Emitter/Deter       | SD Logic Level | Power Supply (V) |
|--------------------------|--------------------------------|--------------|---------------------|----------------|------------------|
| 622                      | 40                             | PT7317-41-2  | 1310nm FPLD/PINTIA  | PECL           | 5                |
|                          |                                | PT7327-41-2  | 1310nm FPLD/PINTIA  | LVPECL         | 3.3              |
|                          |                                | PT7317-41-2T | 1310nm FPLD/PINTIA  | TTL            | 5                |
|                          |                                | PT7327-41-2T | 1310nm FPLD/PINTIA  | LVTTTL         | 3.3              |
|                          |                                | PT7417-41-2  | 1310nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7417-42-2  | 1310nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7427-41-2  | 1310nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7427-42-2  | 1310nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7417-41-2T | 1310nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7417-42-2T | 1310nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7427-41-2T | 1310nm DFBLD/PINTIA | LVTTTL         | 3.3              |
|                          |                                | PT7427-42-2T | 1310nm DFBLD/PINTIA | LVTTTL         | 3.3              |
|                          | 80                             | PT7617-41-2  | 1550nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7617-42-2  | 1550nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7627-41-2  | 1550nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7627-42-2  | 1550nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7617-41-2T | 1550nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7617-42-2T | 1550nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7627-41-2T | 1550nm DFBLD/PINTIA | LVTTTL         | 3.3              |
|                          |                                | PT7627-42-2T | 1550nm DFBLD/PINTIA | LVTTTL         | 3.3              |
| 1062.5/1250              | 10                             | PT7317-51-1  | 1310nm FPLD/PINTIA  | PECL           | 5                |
|                          |                                | PT7317-52-1  | 1310nm FPLD/PINTIA  | PECL           | 5                |
|                          |                                | PT7327-51-1  | 1310nm FPLD/PINTIA  | LVPECL         | 3.3              |
|                          |                                | PT7327-52-1  | 1310nm FPLD/PINTIA  | LVPECL         | 3.3              |
|                          |                                | PT7317-51-1T | 1310nm FPLD/PINTIA  | TTL            | 5                |
|                          |                                | PT7317-52-1T | 1310nm FPLD/PINTIA  | TTL            | 5                |
|                          |                                | PT7327-51-1T | 1310nm FPLD/PINTIA  | LVTTTL         | 3.3              |
|                          |                                | PT7327-52-1T | 1310nm FPLD/PINTIA  | LVTTTL         | 3.3              |
|                          | 30                             | PT7317-51-2  | 1310nm FPLD/PINTIA  | PECL           | 5                |
|                          |                                | PT7327-51-2  | 1310nm FPLD/PINTIA  | LVPECL         | 3.3              |
|                          |                                | PT7317-51-2T | 1310nm FPLD/PINTIA  | TTL            | 5                |
|                          |                                | PT7327-51-2T | 1310nm FPLD/PINTIA  | LVTTTL         | 3.3              |
|                          |                                | PT7417-51-2  | 1310nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7417-52-2  | 1310nm DFBLD/PINTIA | PECL           | 5                |
|                          |                                | PT7427-51-2  | 1310nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7427-52-2  | 1310nm DFBLD/PINTIA | LVPECL         | 3.3              |
|                          |                                | PT7417-51-2T | 1310nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7417-52-2T | 1310nm DFBLD/PINTIA | TTL            | 5                |
|                          |                                | PT7427-51-2T | 1310nm DFBLD/PINTIA | LVTTTL         | 3.3              |
|                          |                                | PT7427-52-2T | 1310nm DFBLD/PINTIA | LVTTTL         | 3.3              |

# Specification of Transceiver

## Absolute Maximum Ratings

| Parameter             | Symbol      | Minimum     | Maximum | Units |    |
|-----------------------|-------------|-------------|---------|-------|----|
| Storage Temperature   | Tst         | -40         | +85     | °C    |    |
| Operating Temperature | To          | PT7□□□-□1-□ | 0       | +70   | °C |
|                       |             | PT7□□□-□2-□ | -40     | +85   |    |
| Input Voltage         | -           | GND         | Vcc     | V     |    |
| Power Supply Voltage  | PT7□1□-□□-□ | -           | +6      | V     |    |
|                       | PT7□2□-□□-□ | -           | +3.6    |       |    |
| Data Rates            | PT7□□□-3□-□ | 5           | 200     | Mb/s  |    |
|                       | PT7□□□-4□-□ | 5           | 700     |       |    |
|                       | PT7□□□-5□-□ | 5           | 1300    |       |    |
|                       | PT7□□□-6□-□ | 5           | 2600    |       |    |

## Transmitter E-O characteristics

| Parameter         | Symbol      | Minimum | Typical | Maximum | Unit | Note |
|-------------------|-------------|---------|---------|---------|------|------|
| Center Wavelength | PT73□□-□□-□ |         | 1310    |         | nm   | -    |
|                   | PT74□□-□□-□ |         | 1310    |         |      |      |
|                   | PT75□□-□□-□ |         | 1550    |         |      |      |
|                   | PT76□□-□□-□ |         | 1550    |         |      |      |
|                   | PT77□□-□□-□ |         | 1310    |         |      |      |
|                   | PT78□□-□□-□ |         | 1550    |         |      |      |

## Receiver O-E characteristics

| Parameter          | Symbol | Minimum     | Typical | Maximum | Unit | Note |  |
|--------------------|--------|-------------|---------|---------|------|------|--|
| Operate wavelength | -      | 1260        |         | 1610    | nm   |      |  |
| Sensitivity        | Pr     | PT7□□□-3□-□ | -       | -35     | -31  | dBm  |  |
|                    |        | PT7□□□-4□-□ | -       | -32     | -30  |      |  |
|                    |        | PT7□□□-5□-□ | -       | -25     | -23  |      |  |
|                    |        | PT73□□-6□-□ | -       | -21     | -19  |      |  |
|                    |        | PT74□□-6□-□ | -       | -21     | -19  |      |  |
|                    |        | PT77□□-6□-□ | -       | -30     | -27  |      |  |
|                    |        | PT78□□-6□-□ | -       | -31     | -28  |      |  |

# Specification of Transceiver

## Ordering information

PT 7 □ □ □ - □ □ - □ □

Signal Detect logic level  
Blank : PECL level  
T : TTL level

Output power  
(See table below)

Operating temperature:

- 1: 0~70C
- 2: -40~85C

Typical Data Rate:

- 2: 52 Mb/s
- 3: 155 Mb/s
- 4: 622 Mb/s
- 5: 1200 Mb/s
- 6: 2500Mb/s

Package Style:

- 1: 1X9 SIP Duplex SC
- 2: 2X9 DIP Duplex SC with CDR
- 3: 2X5 SFF DIP Duplex LC
- 4: 2X10 SFF DIP Duplex LC with CDR
- 5: 1X9 SIP with pigtail
- 7: 2X9 DIP Duplex SC without CDR
- 9: 2X10 SFF DIP Duplex LC without CDR
- 0: SFP Duplex LC without CDR

Power Supply:

- 1: +5V
- 2: +3.3V

Transmitter/Receiver Device:

- 3: 1310nm FP-LD/PINTIA
- 4: 1310nm DFB-LD/PINTIA
- 5: 1550nm FP-LD/PINTIA
- 6: 1550nm DFB-LD/PINTIA
- 7: 1310nm DFBLD/APDTIA
- 8: 1550nm DFBLD/APDTIA

## Output power table

| Output Power Mode | 1      | 2     | 3     | Unit |
|-------------------|--------|-------|-------|------|
| PT7□□-3□-         | -15~-8 | -5~0  | -8~-5 | dBm  |
| PT7□□-4□-         | -15~-8 | -3~+2 | -8~-3 |      |
| PT7□□-5□-         | -10~-3 | -3~+2 | >0    |      |
| PT7□□-6□-         | -10~-3 | -5~0  | -2~+3 |      |